



Material Safety Data Sheet

SQM[®] 4 Beef

Review Date: 10/14/04

Section I	
MANUFACTURER'S NAME Quali Tech, Inc.	EMERGENCY TELEPHONE NUMBER (952) 448-5151
ADDRESS 318 Lake Hazeltine Drive, Chaska, MN 55318	
CHEMICAL NAME AND SYNONYMS Sequestered Minerals	TRADE NAME AND SYNONYMS 6921 SQM 4 Beef
CHEMICAL FAMILY Polysaccharide Mineral Complex	FORMULA Polysaccharide Complexes of Cu, Mn & Zn

Section II--HAZARDOUS INGREDIENTS
<p>This product contains the following chemicals, which may be subjected to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:</p> <p>Copper Sulfate (CAS # 7758-98-7) 8.40% Manganese Sulfate (CAS # 7785-87-7) 14.36% Zinc Sulfate (CAS # 7733-02-0) 19.59%</p>

Section III--PHYSICAL DATA			
BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O=1)	45-61#/ft ³
VAPOR PRESSURE (mm Hg)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER Partially soluble			
APPEARANCE AND ODOR Grey to Brown granular powder with little odor.			

Section IV--FIRE & EXPLOSION HAZARD DATA			
FLASH POINT (Method Used)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA Foam or water fog			
SPECIAL FIRE FIGHTING PROCEDURES This product will burn and may evolve SO ₂ above 600°F. Take precautions to keep product out of streams and water supplies.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Use caution to make sure that dust in the air is not ignited.			



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Section V--HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not Established
EFFECTS OF OVEREXPOSURE	Oral ingestion may cause nausea. Redness and irritation of skin possible with dermal contact.
EMERGENCY AND FIRST AID PROCEDURES	Skin and eye irritation should be treated with water washing. Oral ingestion, nausea and excessive eye exposure symptoms should be treated by a doctor.

Section VI--REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Heat and moisture.			
HAZARDOUS DECOMPOSITION PRODUCTS SO ₂ may be liberated when burned.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

Section VII--SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	If spilled into ground water or water supplies, contact local government waste disposal agency.
WASTE DISPOSAL METHOD	Approved Landfill.

Section VIII--SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) OSHA mask should be worn.			
VENTILATION	LOCAL EXHAUST YES		SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES YES		EYE PROTECTION YES-Dust Proof Goggles	
OTHER PROTECTIVE EQUIPMENT			

Section IX--SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store in a cool, dry place.
OTHER PRECAUTIONS	

This information is offered in good faith, however, no warranties either expressed or implied are made.